

Split

REV 5 5/10/17
~~PRELIMINARY ISSUE~~

Work Order ID 119764 - 1

119764

Page 1

May-22-14 11:30:13 AM

Item ID: D4857-043 Accept *N9000040100* Setup Start *NS1*
Revision ID: PRELIM Stop *NS2*
Item Name: Wiper Deflector Assembly, LH
Start Date: 5/22/14 Start Qty: 6.00 *6* Cust Item ID:
Required Date: 5/23/14 Req'd Qty: 6.00 *6* Customer:
Reference: rework to new REV

Approvals: Process Plan: W Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4857	PD10 <u>E C</u>								
110		0.00							
110									
Small Fab	Memo	0.00							
Small Fab	Drill holes for D4857-3 as per dwg using DT10048								
120	QC5- Inspect part completeness to step on W/O	0.00							
120									
QC	Memo	0.00							
Quality Control									
130		0.00							
130									
HandFinish	Memo	0.00							
Hand Finishing	Touch up holes with primer as per dwg SEE NOTE 4 ON SHEET 6 FOR PRIMER A/R PRIMER BATCH: <u>128987</u>								

5 88 14-07-14

DAS
27
9-88
147114

S
Inspect as per
DW PD10

5 0 0 AS
14-7-14

Work Order ID 119764

May-22-14 11:30:13 AM

119764

Page 2

Item ID: D4857-043

Accept

N9000040100

Setup Start *NS1*

Revision ID: PRELIM

Item Name: Wiper Deflector Assembly, LH

Stop *NS2*

Start Date: 5/22/14 Start Qty: 6.00

6

Cust Item ID:

Required Date: 5/23/14 Req'd Qty: 6.00

6

Customer:

Reference: rework to new REV

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

140 QC14- Inspect Spray Paint

0.00 SHP
0.00 M/H/15

140

QC Memo

Quality Control

5
Inspect as per
DWG PDIK

150 0.00

150

Small Fab

Small Fab

Memo 0.00

GLUE GASKET AS PER DWG
3M 1300/1300L ADHESIVE BATCH: ~~11120071~~

Pow Coring 736 # M120589

NOV 16/2014

5 FF
14-07-16

160 QCS- Inspect part completeness to step on W/O 0.00

160

QC Memo

Quality Control

0.00 DAS
27
M/H/16

S
Inspect as per
DWG PDIK

Work Order ID 119764

119764

Page 3

May-22-14 11:30:13 AM

Item ID: D4857-043 Accept *N9000040100* Setup Start *NS1*
 Revision ID: PRELIM Stop *NS2*
 Item Name: Wiper Deflector Assembly, LH
 Start Date: 5/22/14 Start Qty: 6.00 *6* Cust Item ID:
 Required Date: 5/23/14 Req'd Qty: 6.00 *6* Customer:
 Reference: rework to new REV

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
170	Identify as per dwg & Stock Location: <i>St 2 BeA</i>	0.00							
170									
Packaging	Memo								
Packaging									
180	QC21- Final Inspection - Work Order Release	0.00							
180									
QC	Memo								
Quality Control									

POSITIVE RECALL

EFFECTIVE 11/05/22 AUTH *11*

RELEASED *5* DATE 11/07/17

DAS
27
9-89

11/16
Release DWG as
Rev E

Picklist Print

May-22-14 11:30:13 AM

Page 1

Work Order ID: 119764

119764

Parent Item: D4857-043

D4857-043

Parent Item Name: Wiper Deflector Assembly, LH

Start Date: 5/22/14

Required Date: 5/23/14

Start Qty: 6.00

Required Qty: 6.00

Comments: IPP REV:A 14.05.21 REV.PD10 DD VERF:JLM

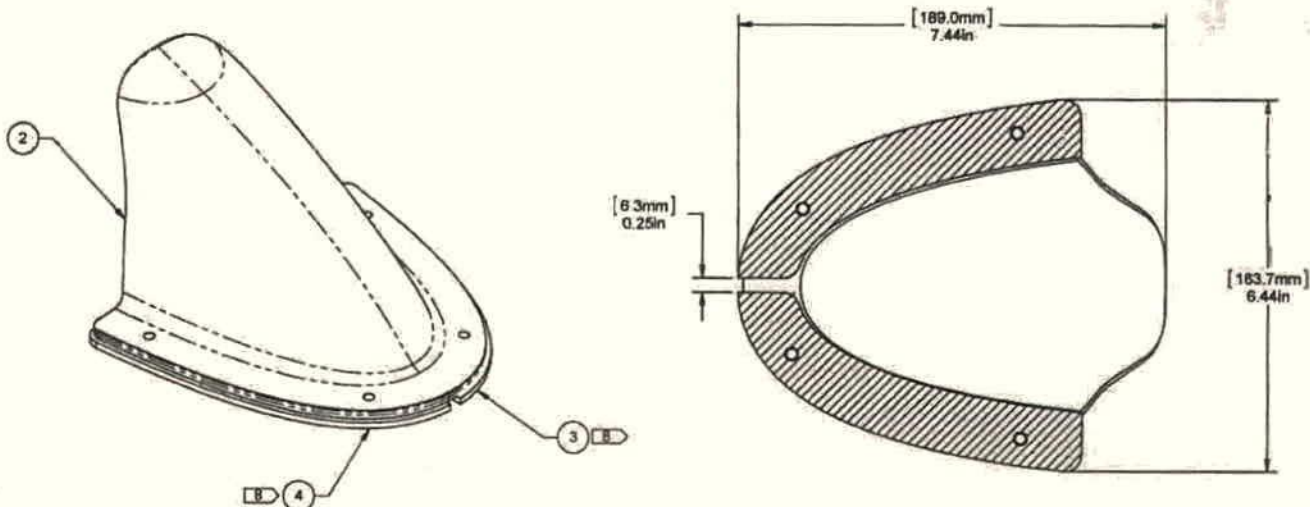
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4857-1		Manufactured	No				Each	12.0000		6			
D4857-1									**			FF 14-07-16	
Wiper Deflector													
					<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>						
					ST228	12							
					109193	2							
					109253	10							
D4857-M													
D5117-1		Manufactured	No		122239		Each	0.0000		6			
D5117-1									**	5		FF 14-07-16	
Gasket													
D5117-3		Manufactured	No		122240		Each	0.0000		6			
D5117-3									**	5		FF 14-07-16	
Gasket													

PO 22113

PRELIMINARY ISSUE

PRELIMINARY ISSUE

ITEM	QTY	P/N	DESCRIPTION
1	X	D4857-043	WIPER DEFLECTOR ASSEMBLY, LH
2	1	D4857-3	WIPER DEFLECTOR LH
3	1	D5117-1	GASKET
4	1	D5117-3	GASKET



D4857-043 WIPER DEFLECTOR ASSEMBLY, LH

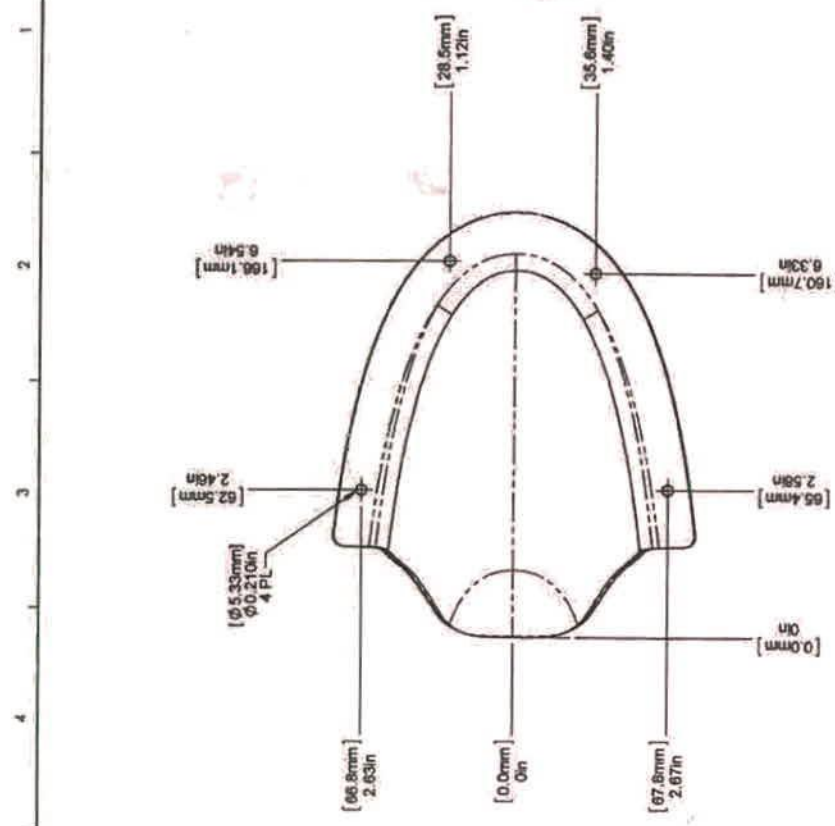
NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED, ALL METRIC DIMENSIONS ARE REFERENCE DIMENSIONS.
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N D4857-043, AGUSTA P/N "TBD", REVISION AND BATCH NUMBER AS PER QSI 044 METHOD 6.1
- 7) WEIGHT: 0.38 lbs (0.17 kg)
- 8) BCND D5117-1/3 GASKET TO EDGE OF PART USING 3M 1300/1300L ADHESIVE

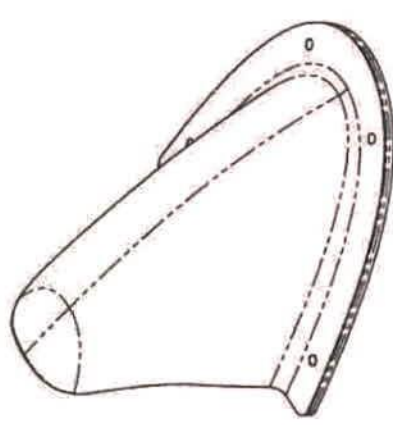
Dow Corning

WORK IN PROGRESS

REV.	DESCRIPTION	BY	DATE
D	ADDED D4857-043 (ZN C7-1), D4857-044 (ZN C7-2), D4857-3 (ZN C7-4), D4857-4 (ZN C7-5) AND D4857-M (ZN C7-6)	AK	14.08.13
C	ADDED 4 MOUNTING HOLES	DW	13.12.09
B	REVISED BOM, DRAWING VIEWS, NOTES	PB	13.08.13
A	NEW RELEASE	DB	13.08.23
DESIGN	DW	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AK		
CHECKED		DRAWING NO.	REV. D
MFG. APPR.		D4857	SHEET 1 OF 7
APPROVED		TITLE	SCALE
DE APPR.	DS	WIPER DEFLECTOR	NTS
DATE	14.05.13	<small>COPYRIGHT © 2013 BY DART AEROSPACE LTD THIS DOCUMENT IS UNCLASSIFIED, AND IS SUPPLIED TO THE EXTENT PERMITTED BY THE RIGHTS OF THE CANADIAN PATENT AND TRADE MARK ACT AND THE PATENT ACT</small>	



D4857-3 WIPER DEFLECTOR, LH

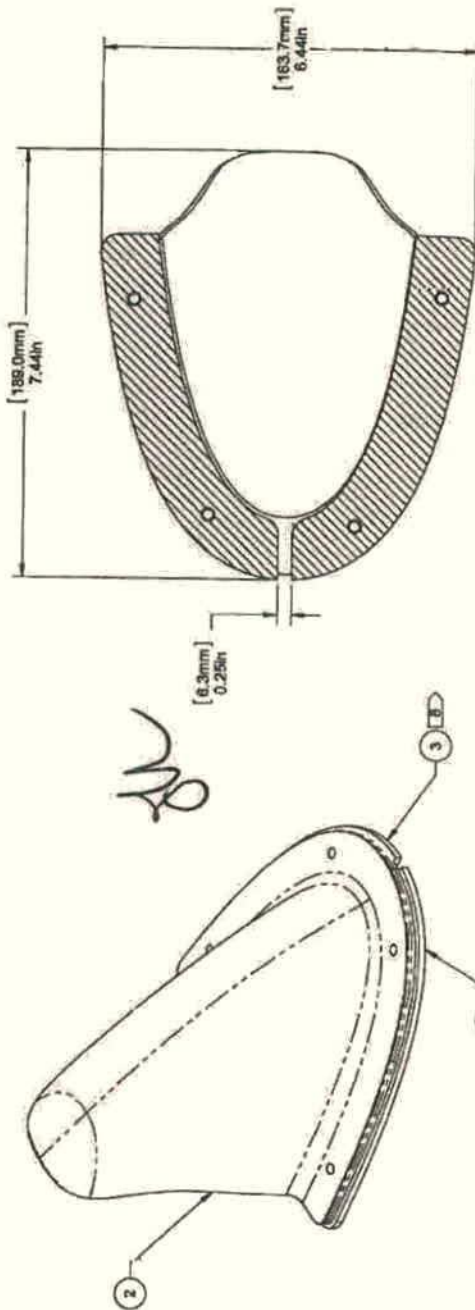


WORK IN PROGRESS

DESIGN	DW	DART AEROSPACE LTD
DRAWN	AK	MARKHAM, ONTARIO, CANADA
CHECKED		DRAWING NO. D4857
MFG. APPR.		REV. D SHEET 4 OF 7
APPROVED		TITLE WIPER DEFLECTOR
DE APPR.	DS	SCALE NTS
DATE	14.05.13	COPYRIGHT © 2013 BY DART AEROSPACE LTD

- NOTES:
- 1) MATERIAL: MADE FROM D4857-M
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED, ALL METRIC DIMENSIONS ARE REFERENCE DIMENSIONS.
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: 0.24 lbs (0.11 kg)
 - 8) PART DIMENSIONS CONTROLLED BY CAD MODEL FILE D4857-3-d.JIGES

ITEM	QTY	PIN	DESCRIPTION
1	X	D4857-043	WIPER DEFLECTOR ASSEMBLY, LH
2	1	D4857-3	WIPER DEFLECTOR LH
3	1	D5117-1	GASKET
4	1	D5117-3	GASKET



D4857-043 WIPER DEFLECTOR ASSEMBLY, LH

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART OSI 014 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED, ALL METRIC DIMENSIONS ARE REFERENCE DIMENSIONS.
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART PIN D4857-043, REVISION, BATCH NUMBER, AND DATE OF MANUFACTURE, AS PER OSI 044 METHOD 6.1
- 7) WEIGHT: 0.39 lbs (0.17 kg)
- 8) BOND D5117-1/3 GASKET TO EDGE OF PART USING DOW CORNING 736 ADHESIVE

REV.	DESIGN	DW	RF	VS	JFS	MP	DS	DATE
E	REVISE NOTE 6) (ZN A6-1, A6-2, A6-3) AND NOTE 8) (ZN A6-1, A6-2, A6-3)							AK 14.06.06
D	ADDED D4857-043 (ZN C7-1), D4857-044 (ZN C7-2), D4857-3 (ZN C7-3), D4857-4 (ZN C7-4) AND D4857-14 (ZN C7-5)							AK 14.06.13
C	ADDED 4 MOUNTING HOLES							DW 13.12.06
B	REVISED BOM, DRAWING VIEWS, NOTES							PS 13.08.13
A	NEW RELEASE							DB 11.04.29

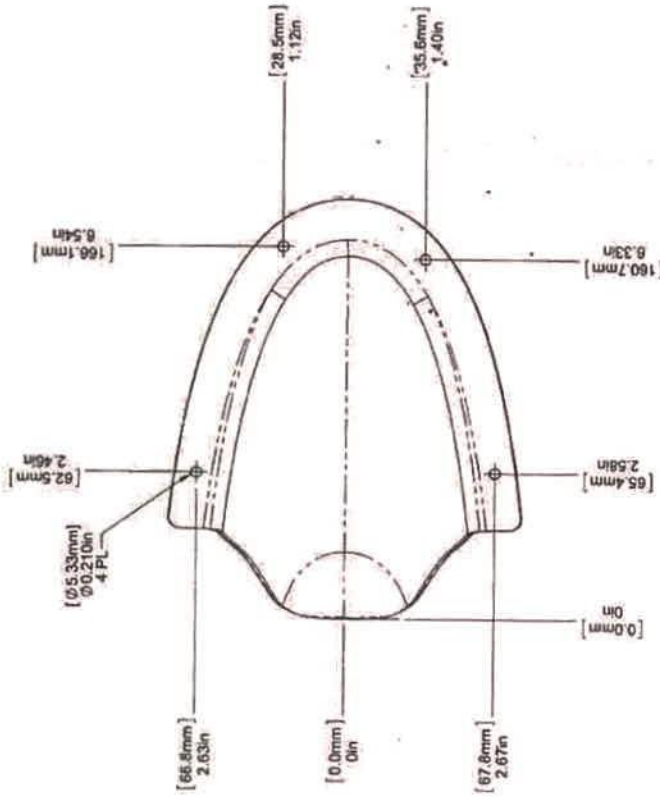
APPROVED

DESIGN	DW	RF	VS	JFS	MP	DS	DATE
DRAWN							
CHECKED							
MFG. APPR.							
APPROVED							
DE APPR.							
DATE	14.06.05						

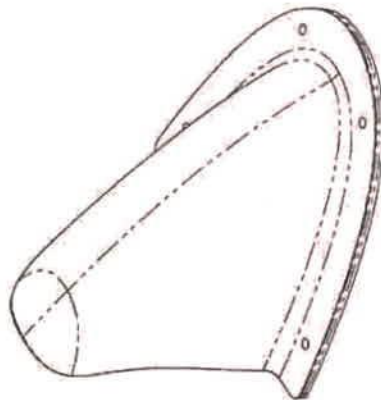
DART AEROSPACE LTD
HAMMERSBURY, ONTARIO, CANADA

REV. E	SHEET 1 OF 7	SCALE	NTS
D4857			
TITLE			
WIPER DEFLECTOR			
DATE	14.06.05		

RELEASED
2014-06-11



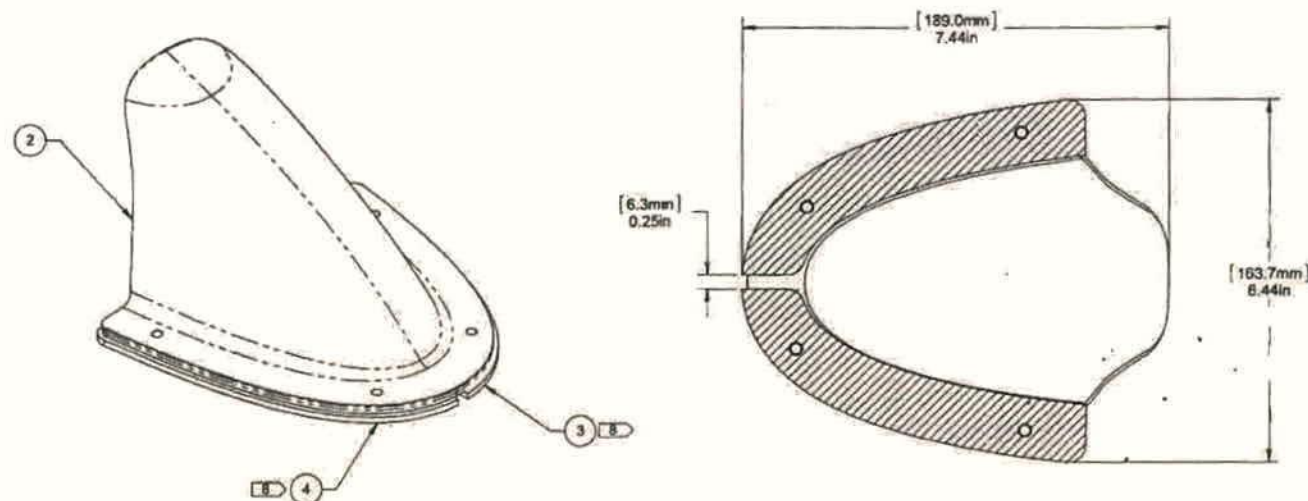
D4857-3 WIPER DEFLECTOR, LH



- NOTES:
- 1) MATERIAL: MADE FROM D4857-M
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 918 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED, ALL METRIC DIMENSIONS ARE REFERENCE DIMENSIONS.
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: 1.24 lbs (0.11 kg)
 - 8) PART DIMENSIONS CONTROLLED BY CAD MODEL FILE D4857-3-8 IGES

DART AEROSPACE LTD			
HAWKESBURY, ONTARIO, CANADA			
DESIGN	DW	RF	REV. E
DRAWN	VS		DRAWING NO. D4857
CHECKED	JFS		SHEET 4 OF 7
MFG. APPR.	MP		TITLE
APPROVED	DS		WIPER DEFLECTOR
DE APPR.	DS		SCALE
DATE	14.06.05		NTS

ITEM	QTY	P/N	DESCRIPTION
1	X	D4857-043	WIPER DEFLECTOR ASSEMBLY, LH
2	1	D4857-3	WIPER DEFLECTOR LH
3	1	D5117-1	GASKET
4	1	D5117-3	GASKET



D4857-043 WIPER DEFLECTOR ASSEMBLY, LH

RELEASED
2014-06-11

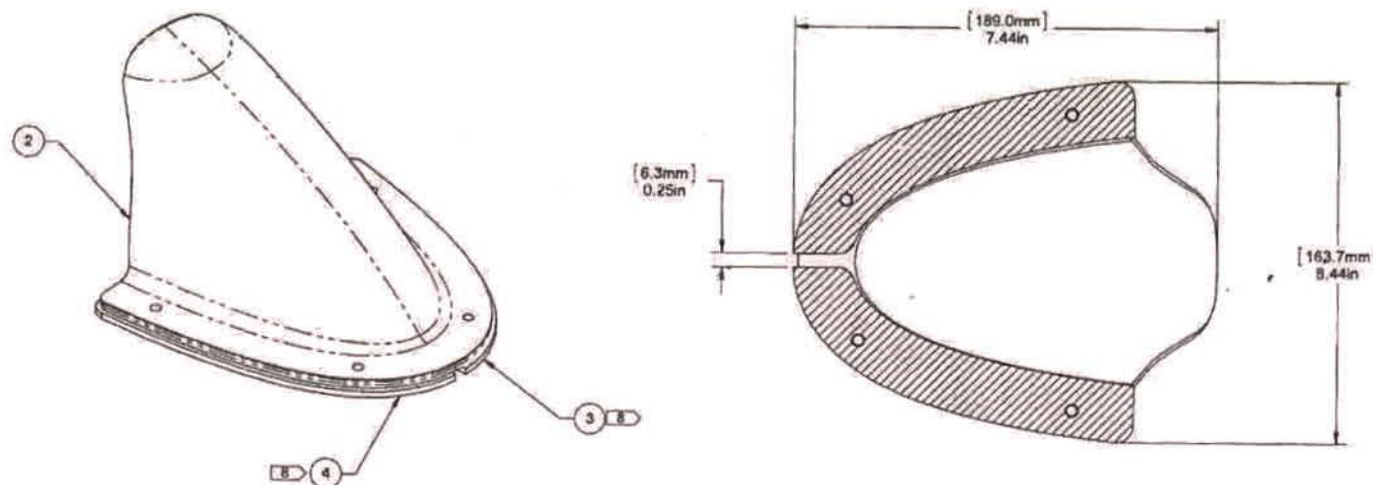
NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED, ALL METRIC DIMENSIONS ARE REFERENCE DIMENSIONS.
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N D4857-043, REVISION, BATCH NUMBER, AND DATE OF MANUFACTURE, AS PER QSI 044 METHOD 6.1
- 7) WEIGHT: 0.38 lbs (0.17 kg)
- 8) BOND D5117-1/-3 GASKET TO EDGE OF PART USING DOW CORNING 736 ADHESIVE

E	REVISE NOTE 6) (ZN A5-1, A5-2, A5-3; AND NOTE 8) (ZN A5-1, A5-2, A5-3)	AK	14.06.05
D	ADDED D4857-043 (ZN C7-1), D4857-044 (ZN C7-2), D4857-3 (ZN C7-4), D4857-4 (ZN C7-5) AND D4857-M (ZN C7-6)	AK	14.06.13
C	ADDED 4 MOUNTING HOLES	DW	13.02.08
B	REVISED BOM, DRAWING VIEWS, NOTES	ISB	13.03.13
A	NEW RELEASE	DS	13.05.23
REV.	DESCRIPTION	BY	DATE
DESIGN	DW	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	VS	DRAWING NO.	REV. E
MFG. APPR.	JFS	D4857	SHEET 1 OF 1
APPROVED	MP	TITLE	SCALE
DE APPR.	DS	WIPER DEFLECTOR	N/T
DATE	14.06.05	<small>COPYRIGHT © 2013 BY DART AEROSPACE LTD THE DESIGN OF A PART AND/OR COMPONENT, AND/OR INFORMATION IS/ARE THE PROPERTY OF DART AEROSPACE LTD. IT IS NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD.</small>	

APPROVED

ITEM	QTY -044	P/N	DESCRIPTION
1	X	D4857-044	WIPER DEFLECTOR ASSEMBLY, RH
2	1	D4857-4	WIPER DEFLECTOR RH
3	1	D5117-6	GASKET
4	1	D5117-7	GASKET



D4857-044 WIPER DEFLECTOR ASSEMBLY, RH

RELEASED
2014-06-11

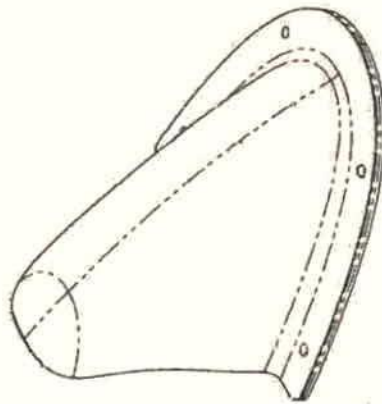
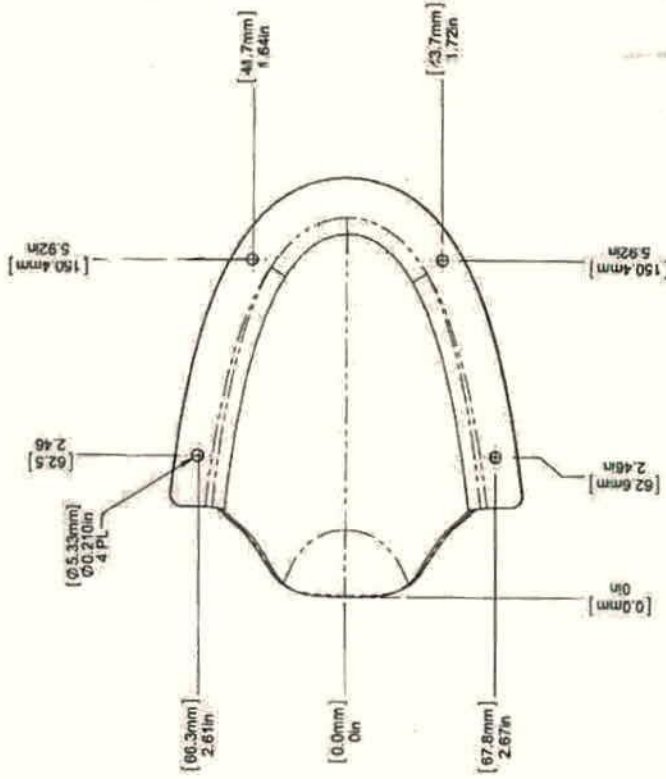
NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED, ALL METRIC DIMENSIONS ARE REFERENCE DIMENSIONS.
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N D4857-044, REVISION, BATCH NUMBER, AND DATE OF MANUFACTURE, AS PER QSI 044 METHOD 6.1
- 7) WEIGHT: 0.38 lbs (0.17 kg)
- 8) BOND D5117-5/-7 GASKET TO EDGE OF PART USING DOW CORNING 736 ADHESIVE

APPROVED

DESIGN	DW	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	VS	DRAWING NO.	REV. E
MFG. APPR.	JFS	D4857	SHEET 2 OF 2
APPROVED	MP	TITLE	SCALE
DE APPR.	DS	WIPER DEFLECTOR	NTS
DATE	14.06.05	COPYRIGHT © 2010 BY DART AEROSPACE LTD	

D4857-1 WIPER DEFLECTOR

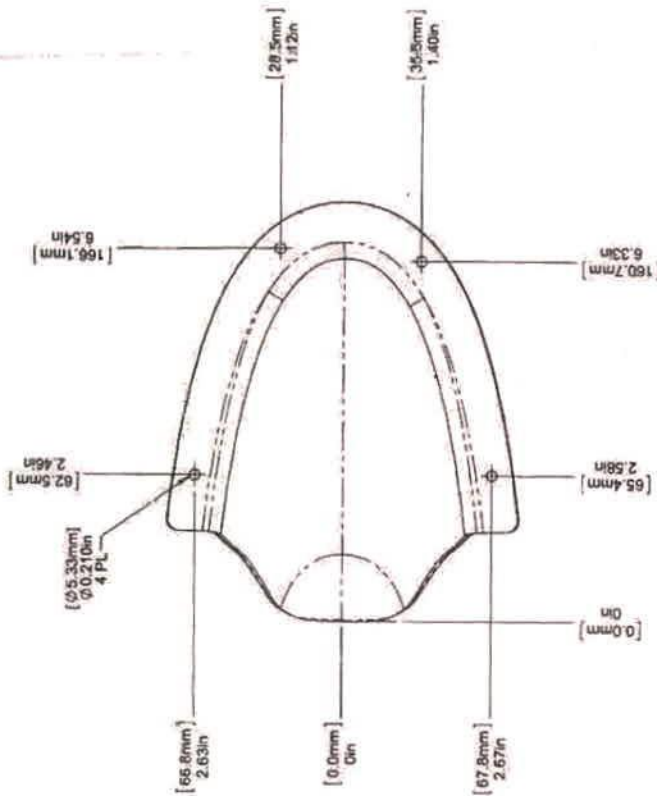


NOTES:
1) MATERIAL: MADE FROM D4857-M

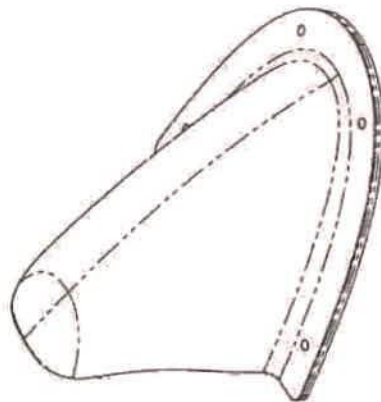
- 1) MATERIAL: MADE FROM D4857-1M
2) TOLERANCES: PER DART QSI 0118 UNLESS OTHERWISE NOTED
3) FINISHES: UNLESS OTHERWISE NOTED, ALL METRIC DIMENSIONS ARE REFERENCE DIMENSIONS
4) UNITS: INCHES UNLESS OTHERWISE NOTED, 0.005 TO 0.010 MAX.
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX.
6) IDENTIFICATION: IDENTIFY WITH DART PIN D4857-1, REVISION, BATCH NUMBER, AND DATE OF MANUFACTURE, AS PER QSI 044 METHOD 6.1
7) WEIGHT: 0.24 lbs (0.11 kg)
8) PART DIMENSIONS CONTROLLED BY CAD MODEL FILE D4857-1-e-IGES

[illegible]

RELEASED
2014-06-11

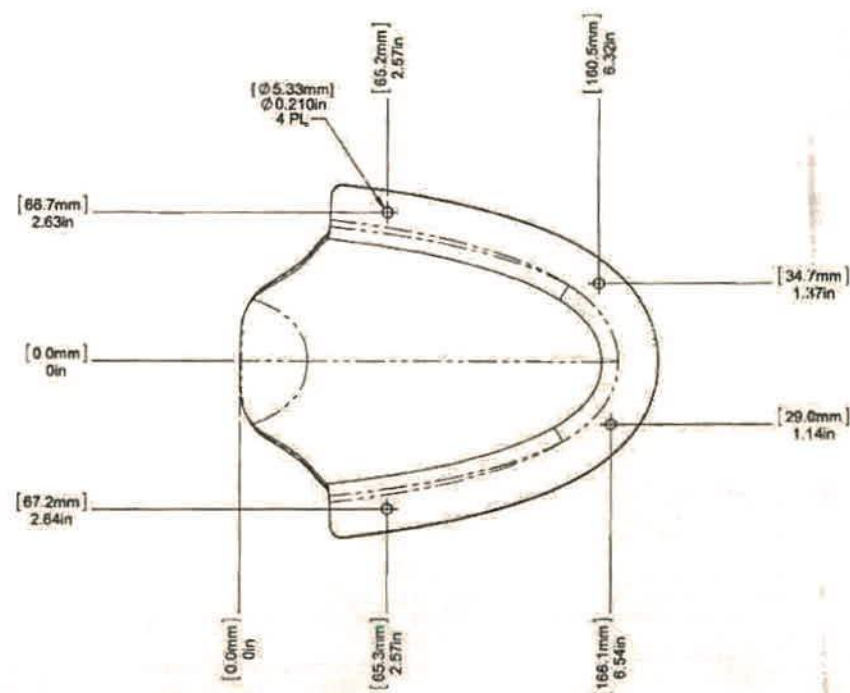
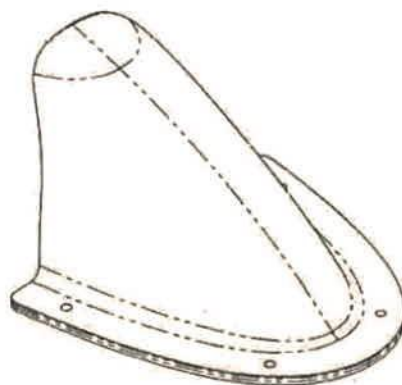


D4857-3 WIPER DEFLECTOR, LH



DESIGN		DW		DART AEROSPACE LTD	
DRAWN	RF	CHECKED	VS	DRAWING NO.	HAWKESBURY, ONTARIO, CANADA
MFG. APPR.	JPS	APPROVED	MP	D4857	
DE APPR.	DS	DATE	14.06.05	TITLE	WIPER DEFLECTOR
				SHEET 1 OF 7	R/V. E
				SCALE	NTS

- NOTES:
- 1) MATERIAL: MADE FROM D4857-M
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI.018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED, ALL METRIC DIMENSIONS ARE REFERENCE DIMENSIONS.
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: 0.24 LBS (0.11 kg)
 - 8) PART DIMENSIONS CONTROLLED BY CAD MODEL FILE D4857-3-010ES



D4857-4 WIPER DEFLECTOR, RH

RELEASED
2014-06-13
APD

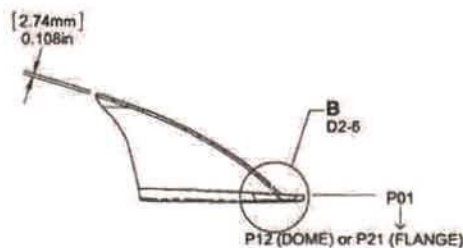
NOTES:

- 1) MATERIAL: MADE FROM D4857-M
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI D18 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED, ALL METRIC DIMENSIONS ARE REFERENCE DIMENSIONS.
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.24 lbs (0.11 kg)
- 8) PART DIMENSIONS CONTROLLED BY CAD MODEL FILE D4857-4-e.IGES

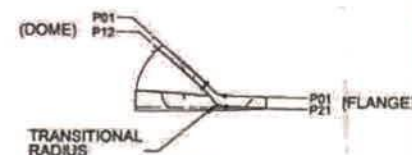
APPROVED

DESIGN	DW	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	VS	DRAWING NO. D4857	REV. E SHEET 5 OF 7
MFG. APPR.	JFS	TITLE WIPER DEFLECTOR	
APPROVED	MP		
DE APPR.	DS	SCALE NTS	
DATE	14.06.05		

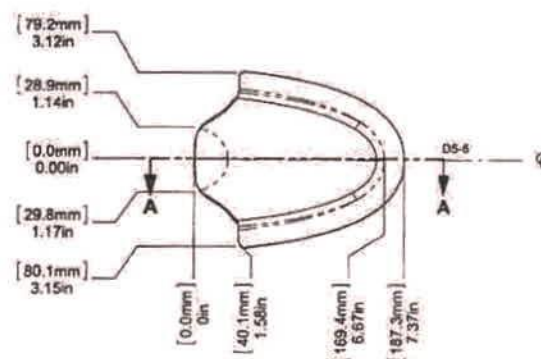
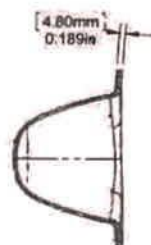
COPYRIGHT © 2013 BY DART AEROSPACE LTD
This document is property of Dart Aerospace Ltd. and is controlled under the provisions of the
ITAR (25 CFR 127.11) and is not to be released or distributed outside the United States without
written permission of Dart Aerospace Ltd.



SECTION A-A
B5-6



DETAIL B



D4857-M WIPER DEFLECTOR

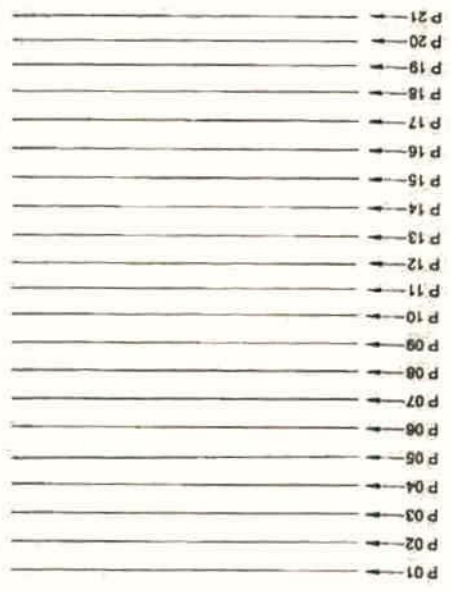
RELEASED
2014-06-11

- 1) MATERIAL: KEVLAR #265/353 4H SATIN, EPOXY PREPREG, 250°F CURE, 40% R/C
- 2) MATERIAL: CARBON FIBER PREPREG, ALDILA PREPREG SYSTEM 3K2X2-FR250-204/40 T300,
- 3) MATERIAL: ALDILA #120 E-GLASS AR250 WITH 48% RC;
- 4) FINISH: PRIMER IAW MIL-P-85582, 2-7 MIL MAX.
- 5) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) UNITS: INCHES UNLESS OTHERWISE NOTED, ALL METRIC DIMENSIONS ARE REFERENCE DIMENSIONS.
- 7) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 8) IDENTIFICATION: N/A
- 9) WEIGHT: 0.24 lbs (0.11 kg)
- 10) PART DIMENSIONS CONTROLLED BY CAD MODEL FILE D4857-M-e.IGES
- 11) SEE PAGE 7 FOR LAYUP SCHEDULE, MANUFACTURE IAW MPP 145, CURE 250°F FOR 4 HOURS.

APPROVED

DESIGN	DW	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	VS	DRAWING NO.	R/T V
MFG. APPR.	JFS	D4857	SHEET 6 OF
APPROVED	MP	TITLE	/CAL
DE APPR.	DS	# WIPER DEFLECTOR	NT
DATE	14.06.05	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS UNCLASSIFIED AND NOT FOR DISSEMINATION OUTSIDE THE COMPANY OR TO THE PUBLIC WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	

RELEASED
R 2014-06-11



LAYUP OF LAYERS (FLANGE)

LAMINATE - .188in (21 LAYERS)			
PLY	WARP ANGLE	MATERIAL	THICKNESS
01	90	1	.008-.010
02	0	1	.008-.010
03	90	2	.008-.010
04	0	2	.008-.010
05	90	2	.008-.010
06	0	2	.008-.010
07	90	2	.008-.010
08	0	2	.008-.010
09	90	2	.008-.010
10	0	2	.008-.010
11	90	2	.008-.010
12	0	2	.008-.010
13	90	2	.008-.010
14	0	2	.008-.010
15	90	2	.008-.010
16	0	2	.008-.010
17	90	2	.008-.010
18	0	2	.008-.010
19	90	2	.008-.010
20	0	2	.008-.010
21	90	3	.005



LAYUP OF LAYERS (DOME)

LAMINATE - .108in (12 LAYERS)			
PLY	WARP ANGLE	MATERIAL	THICKNESS
01	90	1	.008-.010
02	0	1	.008-.010
03	90	2	.008-.010
04	0	2	.008-.010
05	90	2	.008-.010
06	0	2	.008-.010
07	90	2	.008-.010
08	0	2	.008-.010
09	90	2	.008-.010
10	0	2	.008-.010
11	90	2	.008-.010
12	0	2	.008-.010

DESIGN DW RF VS JFS MP DS

DRAWN BY VS JFS MP DS

CHECKED BY VS JFS MP DS

MFG. APPR. BY VS JFS MP DS

APPROVED BY VS JFS MP DS

DATE 14.06.05

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO. D4857

REV. E

SHEET 1 OF 1

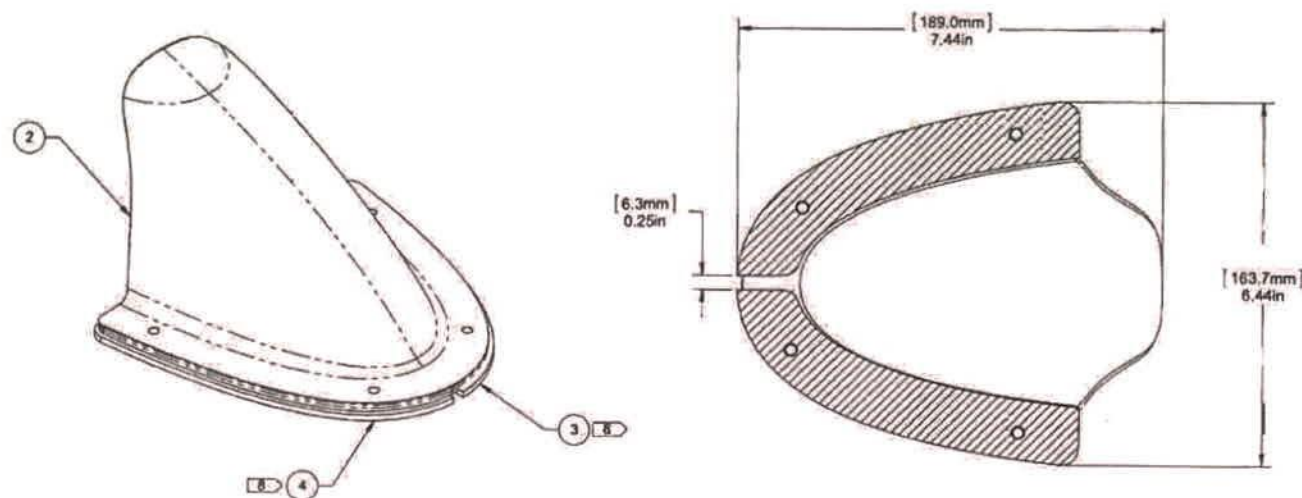
SCALE NTS

TITLE WIPER DEFLECTOR

Copyright © 2013 by DART Aerospace Ltd.
All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without prior written permission from DART Aerospace Ltd.

APPROVED

ITEM	QTY	P/N	DESCRIPTION
1	X	D4857-043	WIPER DEFLECTOR ASSEMBLY, LH
2	1	D4857-3	WIPER DEFLECTOR LH
3	1	D5117-1	GASKET
4	1	D5117-3	GASKET



D4857-043 WIPER DEFLECTOR ASSEMBLY, LH

RELEASED
2014-06-11

NOTES

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED, ALL METRIC DIMENSIONS ARE REFERENCE DIMENSIONS.
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N D4857-043, REVISION, BATCH NUMBER, AND DATE OF MANUFACTURE, AS PER QSI 044 METHOD 6.1
- 7) WEIGHT: 0.38 lbs (0.17 kg)
- 8) BOND D5117-1/3 GASKET TO EDGE OF PART USING DOW CORNING 736 ADHESIVE

REV.	DESCRIPTION	BY	DATE
E	REVISE NOTE 6 (ZN AS-1, AS-2, AS-3); AND NOTE 6 (ZN AS-1, AS-2, AS-3)	AK	14.06.05
D	ADDED D4857-043 (ZN C7-1), D4857-044 (ZN C7-2), D4857-3 (ZN C7-4), D4857-4 (ZN C7-5) AND D4857-4M (ZN C7-6)	AK	14.06.13
C	ADDED 4 MOUNTING HOLES	DW	13.12.09
B	REVISED BOM, DRAWING VIEWS, NOTES	PB	13.08.13
A	NEW RELEASE	DB	12.05.23
DESIGN	DW	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	VS	DRAWING NO.	REV. E
MFG. APPR.	JFS	D4857	SHEET 1 OF 7
APPROVED	MP	TITLE	SCALE
DE APPR.	DS	WIPER DEFLECTOR	NTS
DATE	14.06.05	COPYRIGHT © 2011 BY DART AEROSPACE LTD THIS DOCUMENT IS PROPRIETARY AND IS SUPPLIED ON THE UNDERSTANDING THAT IT IS NOT TO BE USED FOR ANY PURPOSES OR IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD.	

APPROVED